

prevention of disease. In addition, the proteins can be used in methods for the diagnosis of *C. pneumoniae* infection.

IN THE CLAIMS:

Please cancel claims 1-10 and add new claims 11-22, as follows.

1           11. (New) An isolated *Chlamydia pneumoniae* protein comprising the  
2 amino acid sequence set forth in SEQ ID NO: 1074.

1           12. (New) A composition comprising the isolated protein of claim 11,  
2 and a carrier.

1           13. (New) The composition of claim 12, wherein the carrier is an  
2 aqueous carrier.

1           14. (New) The composition of claim 12, further comprising an  
2 adjuvant.

1           15. (New) The isolated *Chlamydia pneumoniae* protein of claim 11,  
2 which is bound to a solid surface.

1           16. (New) The isolated *Chlamydia pneumoniae* protein of claim 15,  
2 wherein the solid surface is nitrocellulose.

1           17. (New) An isolated *Chlamydia pneumoniae* protein comprising an  
2 amino acid sequence  
3           (i) at least about 80% identical to the sequence set forth in SEQ ID NO:  
4 1047; or  
5           (ii) encoded by a nucleic acid that hybridizes to a sequence consisting of  
6 residues 1200537 to 1201343 of SEQ ID NO: 1, under hybridization conditions that  
7 include a wash at 65°C in 0.2x SSC and 0.1% SDS.

1           18. (New) A composition comprising the isolated protein of claim 17,  
2 and a carrier.

1           19. (New) The composition of claim 18, wherein the carrier is an  
2 aqueous carrier.